

Draft Environmental Impact Statement—Renewal of the Federal Grant for the Trans-Alaska Pipeline System Right-of-Way

A guide to discussions of subsistence

INTRODUCTION

- The aim of this guide is to direct readers of the draft environmental impact statement (DEIS) to sections that address subsistence.
- Sections listed also include those on biological resources, some of which are important to subsistence and those related to Alaska Native sociocultural systems.
- Note that the sections listed *do not provide an exhaustive list* of all information in the DEIS that may have a bearing on subsistence. Because of the broad nature of this subject, and the range of topics that might touch on subsistence or subsistence resources, certain other sections of the document may have information related to subsistence. For instance, discussions of surface water resources contain information that has some bearing on fish and other riverine subsistence resources; discussions of human health include information on health implications of consuming certain subsistence resources. The sections listed below are those that focus specifically on subsistence, subsistence resources, and sociocultural systems involved in subsistence activities.

KEY COMPONENTS OF THE DEIS

- **Alternative actions considered in this DEIS:**
 - Proposed Action: Renewal of Trans-Alaska Pipeline Right-of-Way for 30 years.
 - Alternative: Renewal of Trans-Alaska Pipeline Right-of-Way for less than 30 years.
 - No Action Alternative: Do not renew Trans-Alaska Pipeline Right-of-Way.
- **Affected Environment:**
 - Discussed in Chapter 3 (which is found in Volume 1).
 - Discusses the state of several environmental topics in 2001—that is, the environment that would be affected by renewal of the Trans-Alaska Pipeline System Right-of-Way and alternatives to that renewal.
- **Environmental Consequences:**
 - Discussed in Chapter 4 (found in Volume 2 and the beginning of Volume 3).
 - Presents anticipated impacts (both positive and negative) to the natural and human environment of renewing the Trans-Alaska Pipeline System Right-of-Way and alternatives to that renewal.
 - Spills analysis for proposed action: Examines impacts of a range of possible spills during 30-year period of renewal and operation.
 - Cumulative impacts: Examines likely consequences of each alternative action *combined with* consequences of other past, present, and reasonably foreseeable future activities that could affect the various impact areas examined in this DEIS.
- **Appendices D and E:** (found in Volume 4) Present additional information on subsistence and subsistence analyses.

Subsistence Discussions

AFFECTED ENVIRONMENT

- **Subsistence discussion: Section 3.24** (Volume 1) presents a summary of available data on subsistence activities; includes data on *per capita* harvest levels and participation rates for various subsistence resources, and maps of harvest areas, where this information is available.
- **Discussions related to subsistence:**
 - ❑ **Section 3.18** (Volume 1): **Terrestrial Vegetation and Wetlands**
 - ❑ **Section 3.19** (Volume 1): **Fish, Reptiles, and Amphibians**
 - ❑ **Section 3.20** (Volume 1): **Birds**
 - ❑ **Section 3.21** (Volume 1): **Terrestrial Mammals**
 - ❑ **Section 3.22** (Volume 1): **Threatened, Endangered, and Protected Species**
 - ❑ **Section 3.25.1** (Volume 1): **Alaska Native Sociocultural Systems**

ENVIRONMENTAL CONSEQUENCES

Proposed Action: Renewal for 30 Years

Section 4.3.20 (Volume 2): **Subsistence Impacts** discusses subsistence consequences from routine operation.

Section 4.4.4.14 (Volume 2): **Subsistence** discusses subsistence consequences from spills.

Related discussions:

Impacts of routine operations:

- ❑ **Section 4.3.15** (Volume 2): **Terrestrial Vegetation and Wetlands**
- ❑ **Section 4.3.16** (Volume 2): **Fish**
- ❑ **Section 4.3.17** (Volume 2): **Birds and Terrestrial Mammals**
- ❑ **Section 4.3.18** (Volume 2): **Threatened, Endangered, and Protected Species**
- ❑ **Section 4.3.21.1** (Volume 2): **Alaska Native Sociocultural Systems**

Impacts from spills:

- ❑ **Section 4.4.4.9** (Volume 2): **Terrestrial Vegetation and Wetlands**
- ❑ **Section 4.4.4.10** (Volume 2): **Fish**
- ❑ **Section 4.4.4.11** (Volume 2): **Birds and Terrestrial Mammals**
- ❑ **Section 4.4.4.12** (Volume 2): **Threatened, Endangered, and Protected Species**
- ❑ **Section 4.4.4.15** (Volume 2): **Sociocultural Resources**

Renewal for Less than 30 Years

Section 4.5.2.20 (Volume 2): Subsistence

Related discussions:

- ❑ **Section 4.5.2.15 (Volume 2): Terrestrial Vegetation and Wetlands**
- ❑ **Section 4.5.2.16 (Volume 2): Fish**
- ❑ **Section 4.5.2.17 (Volume 2): Birds and Terrestrial Mammals**
- ❑ **Section 4.5.2.18 (Volume 2): Threatened, Endangered, and Protected Species**
- ❑ **Section 4.5.2.21 (Volume 2): Sociocultural Systems**

No Action: Do Not Renew

Section 4.6.2.20 (Volume 2): Subsistence

Related discussions:

- ❑ **Section 4.6.2.15 (Volume 2): Terrestrial Vegetation and Wetlands**
- ❑ **Section 4.6.2.16 (Volume 2): Fish**
- ❑ **Section 4.6.2.17 (Volume 2): Birds and Terrestrial Mammals**
- ❑ **Section 4.6.2.18 (Volume 2): Threatened, Endangered, and Protected Species**
- ❑ **Section 4.6.2.21 (Volume 2): Sociocultural Systems**

Cumulative Impacts

Section 4.7.8.1 (Volume 3): Subsistence

Related discussions:

- ❑ **Section 4.7.7.1 (Volume 3): Terrestrial Vegetation and Wetlands**
- ❑ **Section 4.7.7.2 (Volume 3): Fish**
- ❑ **Section 4.7.7.3 (Volume 3): Birds and Terrestrial Mammals**
- ❑ **Section 4.7.7.4 (Volume 3): Threatened, Endangered, and Protected Species**
- ❑ **Section 4.7.8.2 (Volume 3): Sociocultural Systems**

APPENDICES

- **Appendix D (Volume 4): Subsistence in the Vicinity of the TAPS**
 - Presents more detailed data on subsistence than appears in the main body of the DEIS.
 - When data were available, this Appendix presented (for villages identified as possibly experiencing impacts from the alternatives considered in the DEIS) descriptions of village economies, tabular subsistence data by resources harvested for a selected year, and maps showing traditional subsistence harvest area by resource category.
- **Appendix E (Volume 4): ANILCA 810 Analysis of Subsistence Impacts**
 - Presents criteria employed in the ANILCA Section 810 evaluation.
 - Presents conclusions of the ANILCA Section 810 evaluation for the proposed action, less-than-30-year alternative, no action alternative, and cumulative impacts.